LASZLO, Antal, prof (Veszprem, Universitat); MAGYAR, Miklos (Veszprem, Universitat); STEINGASZNER, Pal (Hochdruckforschunginstitut, Petfurdo)

Data on the kinetic evaluation of hydrocracking of the atmospheric distillation residue of Tooymasa. Acta chinica Hung 31 no.1/3:137-144 '62.

1. Physikalisch-Chemischer Lehrstuhl der Chemisch-Technischen Universitat, Veszprem und Hochdruckforschungsinstitut, Budapest-Petfurdo.

38033
H/502/62/031/001/002/002
D409/D301

/1 9100

AUTHORS: Steingaszner, Pál (Budapest) and Horváth, József (Pétfürdó)

TITLE: On hydrorefining of lubricating-oil fractions

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 31, no. 1-3, 1962, 195-206

TEXT: The High-Pressure Research Institute in Budapest-Pétfürdó has conducted hydrorefining experiments with furfural-extracted lubricating-oil cuts obtained from sulphur-rich Soviet crude. The tests were made in a 200 ml laboratory reactor over a nickel-molybdenum-alumina catalyst at reaction temperatures of 200 - 410°C and pressures of 20 - 80 atm. It was found that the reaction pressure has no influence on the yield and the quality of hydrogenated products, and that the viscosity, viscosity index, and sulphur content of obtained products depends merely on the reaction temperature. This temperature should not exceed 340 - 360°C to avoid undesired viscosity decrease and formation of light distil-

Card 1/2

On hydrorefining ...

H/502/62/031/001/002/002
D409/D301

lates. The lubricating-oil yield at this temperature range amounts to 95%, the ageing stability is satisfactory, and the oil can be classified as SAE-30. Higher hydrorefining temperatures should only be applied for oil grades where considerably higher viscosity indices are desired. (To attain a viscosity index of 80, the reaction temperature must lie above 570°C, however, the obtained oil can only be classified as SAE-20). The tests also showed that the oxidation stability of the oil increases with decreasing sulphur contents, a result which is in contradiction to the oxidation-inhibiting effect of sulphur compounds as postulated by various authors. Credit is given to Professor M. Freund, E. Vámos, and Gy. Mózes of the MÁFKI Hungarian Crude-Oil and Natural-Gas Research Institute. There are 7 figures and 4 tables. The most recent English-language reference is : Butler, Katzmark, 5th World Petroleum Congress, Sect. III, Paper 11, New York, 1959.

ASSOCIATION: High-Pressure Research Institute, Budapest-Pétfürdő

SUBMITTED: September 15, 1961

Card 2/2

L 46853-66   T   WE

ACC NR: AP6034696   SOURCE CODE: HU/0006/66/000/004/0178/0183

AUTHOR: Karolyi, Jozsef; Peter, Istvan; Steingaszner, Pal; Hevesi, Jeno

ORG: Institute of High Pressure Research (Nagynyomasu Kiserleti Intezet)

TITLE: Catalysts and catalyst poisons in gasoline refining II

SOURCE: Magyar kemikusok lapja, no. 4, 1966, 178-183

TOPIC TAGS: catalytic reforming, petrochemistry

ABSTRACT: Experiments were carried out with gasolines and a catalyst of Russian
origin to determine the sulfur and nitrogen tolerance of the catalyst. By using
the experimental results, the highest allowable sulfur and nitrogen content can be
predicted while reforming gasolines of different hydrocarbon types. In the highly
paraffinic gasolines which represent the basic material of the Hungarian refineries,
the maximal nitrogen content can be 0.0002 per cent by weight, that of sulfur 0.01
per cent by weight. Orig. art. has: 8 figures and 6 tables. [Based on authors'
Eng. abst.] [JPRS: 36,862]

SUB CODE: 07, 11 / SUBM DATE: none / OTH REF: 001

Card 1/1

KALAN, Tibor; JANIK, Jozsef; KURUCZ, Imre; STEINGRUBER, Istvan; GERENCSER, Jozsef; OROS, Gyula; KOLLAR, Medard

Diemaking by hot impression.   Koh lap 9 no. 9: 390-399 S '54.

STEINHART, Leo, Maj, Dr Hradec Kralove Military Medical Academy

Coauthor, with Dr Ota SKRIVANEK, of article "X-Ray Diagnosis of Prolapses
of a Vertebral Disk," dealing with diagnosis by X-rays prior to the
excision of a vertebral disk, and the employment of other diagnostic methods.
(VZL, Nov 54)

SO: Sum. 436, 30 March 1955

STEINHART, Leo

BASTECKY, Jan; BRZEK, Vladimir; STEINHART, Leo; CERNOCH, Zdenek; SKRIVANEK,
Ota; RUZICKA, Karel

Clinical evaluation of splenoportography. Cas.lek.cesk. 94 no.14:
359-365 1 Apr 55.

1. Z radiologicke kliniky klinicke nemocnice VLA a z chirurgicke
kliniky klinicke nemocnice VLA v Hradci Kralove.
        (SPLEEN, radiography,
            splenoportography, clin. evaluation)

PROCHAZKA, Jaroslav; STEINHART, Leo

Accessory pulmonary artery with so-called pulmonary sequestration.
Cas. lek. cesk. 96 no.6:167-173 8 Feb 57.

1. Chirurgicka klinika VLA J. Ev. P., prednosta: akademik
Jan Bedrna; Radiologicka Klinika VLA J. Ev. P., prednosta:
prof. Dr. J. Bastecky. J. P. Hradec Kralove, VLA.
      (ARTERIES, PULMONARY, dis.
            sequestration of accessory artery, clin. manifest. &
            surg. (Cz))

KROO, Michal; STEINHART, Leo

Significance of contrast x-ray examination of tumors in the pituitary region. Cesk. rentg. 13 no.1:8-18 Feb 59.

1. Neurochirurgicka klinika, prednosta prof. dr. R. Petr, radiologicka klinika, prednosta prof. dr. J. Bastecky, lekarske fakulty Karlovy university v Hradci Kralove.
          (BRAIN NEOPLASMS, diag.
                x-ray, in tumors of pituitary area (Cz))

NETTL, S.; STEINHART, L.; DITE, B.

Normal deep cerebral phlebographic picture according to clinical data of the J.E. Purkyne VIA Neurological Clinic. Cesk. neur. 22 no.3:159-168 May 59.

1. Neurologicka klinika VIA J. Ev. P., radiologicka klinika VIA J. Ev. P. a radiologicke oddeleni PN Jaromer.
(ANGIOGRAPHY, CEREBRAL,
normal standards of deep phlebography (Cz))

KROO, Michal; STEINHART, Leo

Contrast roentgen picture of intracranial pressure lesions of the
optic nerve, chiasm and optic tract. Sborn. ved. prac. lek. fak.
Karlov. univ. (Hrad Kral) 4 no.2:161-175 '61.

1. Katedra I. chirurgie; prednosta prof. MUDr. R. Petr. Katedra
radiologie; prednosta prof. Dr.Sc. MUDr. J. Bastecky.
        (BRAIN NEOPLASMS radiography)

KROO, Michal; STEINHART, Leo

Contrast roentgen picture of pressure lesions of the optic nerve, chiasm and optic tract. Cesk. ofth. 17 no.4/5:250-251 Jl '61.

1. Lekarska fakulta Karlovy university v Hradci Kralove, katedra I chirurgie, prednosta prof. MUDr. R. Petr a katedra radiologie, prednosta prof. MUDr. J. Bastecky, Dr. Sc.

(BRAIN NEOPLASMS radiography)
(OPTIC NERVE diseases)

STEINHART, L.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

⑤

Affiliation:

Source: Prague, Rozhledy v Tuberkulose a v Nemocech Plicnich, Vol XXI, No 6, July 61,
        pp 483-488

Data: "The Diagnostics of So-Called Intralobar Sequestration of the Lung."

Authors: PROCHAZKA, J., Prof, Dr, Director of Clinic of Surgery KU [Karlova universita;
                        Charlos University] (Chirurgicka klinika KU), Hradec Kralove.
         STEINHART, L., Presumably Clinic of Surgery KU, Hradec Kralove.
         ENDRYS, J., [presumably] Radiological Clinic (Radiologicka klinika), Hradec
                    Kralove; Director: Prof Dr. J. BASTECKY, Dr Sc

8PO 981643

STEINHART, L.; ENDRYS, J.; DITE, B.; SLEZAK, P.; PROCHAZKA, J.; BELOBRADEK, Z.; PETRLE, M.

The angiocardiographic picture of the mitral orifice. Cor vasa 4 no.3:212-218 '62.

1. Centre for Cardiac Surgery, Faculty of Medicine, Charles University Hradec Kralove.
(MITRAL VALVE radiography)   (ANGIOCARDIOGRAPHY)

POLACEK, Premysl; STEINHART, Leo; ENDRYS, Jiri; VYSLOUZIL, Josef

Muscular bridges and loops over coronary arteries in coronariograms. Cesk. morf. 10 no.3:251-258 '62.

1. Departments of Anatomy, Radiology and Surgery Charles' University Medical Faculty, Hradec Kralove.
(CORONARY VESSELS radiography) (ANGIOGRAPHY experimental)

ENDRYS, Jiri; KVASNICKA, Jiri; STEINHART, Leo; VORTEL, Vladimir; BRZEK,
    Vladimir; VYSLOUZIL, Jan; KRAVEC, Miroslav.

Method of measuring the volume of flow through broncho-
pulmonary anastomoses. Sborn.ved.prac.lek.fak.Karlov.Univ.
(Hrad.Kral) 6 no.3:219-228 '63.

1.Kardiochirurgicke stredisko (prednosta:prof. MUDr.J.Prochazka);
I.interni klinika (prednosta: prof. MUDr.J.Rehor); Radialogicka
klinika (prednosta DrSc., prof. MUDr. J.Bastecky); Patologicko-
anatomicky ustav (prednosta DrSc., MUDr. A.Fingerland) a Chirur-
gicka klinika (prednosta: prof., MUDr. J.Prochazka), Universita
Karlova.

SLEZAK, Premysl; STEINHART, Leo; FRANK,M.; JURIN, Ivo; DITE,B.

Congenitally corrected transposition of the great vessels
in the angiocardiographic picture. Sborn.ved.prac.lek.fak.
Karlov.Univ.(Hrad.Kral.) 6 no.3:311-318 '63.

1. Radiologicka klinika (prednosta: DrSc., prof., MUDr. J.
Bastecky); Detska klinika (prednosta: DrSc., prof., MUDr.
J.Blecha) a Chirurgicka klinika (prednosta: prof., MUDr.
J.Prochazka), Universita Karlova.

*

PETRLE,M.; PROCHAZKA,J.; ENDRYS,J.; BELOBRADEK,Z.; KOSMAK,J.; STEINHARDT,L.;
VIZDA,J.

Recurrent tight mitral stenosis. Cor. vasa 6 no.2:104-111'64

1. 1st and IInd Internal Clinics, Surgical Clinic and Radio-
logical Clinic, Faculty of Medicine, Caroline University,
Hradec Kralove, Czechoslovakia.

VYSLUZIL, J.; ENDRYS,J.; STEINHART,L.

Congenital supravalvular aortic stenosis with mitral insuffi-
ciency. Cor. vasa 6 no.2:164-167 '64

1. Cardiosurgical Centre and Department of Radiology, Faculty
of Medicine, Caroline University, Hradec Kralove, Czechoslovakia.

BELOBRADEK, Zdenek; ENDRYS, Jiri; KOSMAK, Ivan; PETRLE, Miroslav;
STEINHART, Leo

Changes of indexes calculated from the left atrial pressure
curve during amyl nitrite inhalation. Sborn. ved. prac. lek.
fak. Karlov. Univ. 7 no.5:653-660 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic, DrSc.);
Kardiochirurgicke stredisko (prednosta: prof. MUDr. J. Prochazka,
DrSc.); Vyzkumny ustav experimentalnej terapie, Praha-Krc (pred-
nosta: MUDr. O. Smahel, DrSc.) a Radiologicka klinika (prednosta:
prof. MUDr. J. Bastecky, DrSc.).

KREN,V.; SLEZAK,P.; STEINHART,L.; ENDRYS,J.; PROCHAZKA,J.

False dissected aortic aneurysm. Cesk. rentgen. 18 no.1:69-70 Ja'64.

1. Kardiochirurgicke stredisko lekarske fakulty KU v Hradci Kralove a Radiologicka klinika lekarske fakulty KU v Hradci Kralove (prednosta: prof.dr.J.Bastecky, DrSc.).

KOSMAK, Ivan; ENDRYS, Jiri; PETRLE, Miroslav; FRANK, Miroslav;
BELOBRADEK, Zdenek; STEINHART, Leo; SLEZAK, Premysl

The intracardial phonocardiogram in aortic stenosis. Sborn. ved.
prac. lek. fak. Karlov. Univ. 7 no.5:661-664 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic, DrSc.)
Kardiochirurgicke stredisko (prednosta: prof. MUDr. J. Prochazka,
DrSc.); Vyzkunmy ustav exper. terapie, Praha-Krc (prednosta: MUDr.
O. Smahel, DrSc.) a Radiologicka klinika (prednosta: prof. MUDr.
J. Bastecky, DrSc.).

PROCHAZKA, Jaroslav, prof. MUDr., DrSc.; BRZEK, Vladimir; ENDRYS, Jiri;
    KOSMAK, Ivan; STEINHART, Leo; JURIN, I···n; SLEZAK, Premysl;
    FINGERLAND, Antonin, prof. MUDr., DrSc.

Experience with surgical treatment of congenital aortic stenosis.
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:85-96 '64.

1. Kardiochirurgicke stredisko a chir. klinika (prednosta: prof.
MUDr. J. Prochazka, DrSc.); II. interni klinika (prednosta:
prof. MUDr. V. Jurkovic); Radiologicka klinika (prednosta:
prof. MUDr. J. Bastecky, DrSc.) a Patologicko-anatomicky ustav
(predr··sta: prof. MUDr. A. Fingerland, DrSc.) Karlovy University
v Hradce Kralove.

ENDRYS, Jiri; KOSNAK, Ivan; SLEZAK, Premysl; PROCHAZKA, Jaroslav, prof.
MUDr., DrSc.; STEINHART, Leo; JURIN, Ivan; FRANK, Miroslav.

Early systolic snap in aortic stenosis. Sborn. ved. prac. lek.
fak. Karlov. Univ. 9 no.1:97-108 '64.

1. Kardiochirurgicke stredisko a chir. klinika (prednosta:
prof. MUDr. J. Prochazka, DrSc.); II. interni klinika (pred-
nosta: prof. MUDr. V. Jurkovic); Radiologicka klinika (prednos-
ta: prof. MUDr. J. Bastecky, DrSc.) a Detska klinika (pred-
nosta: prof. MUDr. J. Blecha, DrSc.) University Karlovy v
Hradci Kralove.

KOSMAK, I.; PETRLE, M.; ENDRYS, J.; BELOBRADEK, Z.; JURKOVIC, V.; STEINHART, L.; SLEZAK, P.

On the methodology of intracardiac phonocardiography. Cor Vasa
6 no.4:281-287 '64.

1. IInd Internal Clinic, Ist Internal Clinic, Surgical Clinic,
Centre for Cardiac Surgery and Radiological Departments, Faculty
of Medicine of the Caroline University, Hradec Kralove,
Czechoslovakia.

SLEZAK, Premysl; STEINHART, Leo; ENDRYS, Jiri; FRANK, Miroslav; KOSNAK,
Ivan; BELOHRADSKY, Zdenek; PROCHAZKA, Jaroslav, prof. MUDr., DrSc.;
REZAC, Vaclav; JURIN, Ivan.

Morphological, hemodynamic and postoperative changes in atrial
septal defects demonstrated by a simple X-ray picture. Sborn.
ved. prac. lek. fak. Karlov. Univ. 9 no.1:109-119 '64.

1. Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky,
DrSc.); Chirurgicka klinika (Prednosta: prof. MUDr. J. Prochazka,
DrSc.); II. interni klinika (prednosta: prof. MUDr. V. Jurkovic);
Detska klinika (prednosta: prof. MUDr. J. Blecha, DrSc.) a I.
interni klinika (prednosta : prof. MUDr. F. Cernak) University
Karlovy v Hradci Kralove.

KREN, Vitezslav; CERNOCH, Zdenek; STEINHART, Leo; ENDRYS, Jiri;
        SLEZAK, Premysl; PUDIL, Vratislav; PRIBORSKY, Jaromir;
HODAN, Jiri

Liver and kidney venography in animal experiments during
delayed circulation by intrabronchial hypertension. Sborn.
ved. prac. lek. fak. Karlov. Univ. 8 no.2:179-182 '65

1. Radiologika klinika (prednosta: prof. MUDr. J. Bastecky,
DrSc.) a Chirurgicka klinika (prednosta: prof. MUDr.
J. Prochazka, DrSc.) Lekarske fakulty Karlovy University
v Hradci Kralove.

NETTL, Sasa; STEINHART, Leo; SLEZAK, Premysl; DITE, Bohumil; PUDIL,
        Vladimir.

Deep brain phlebogram in anterioposterior projection in ex-
pansive intracranial processes. Sborn. ved. prac. lek. fak.
Karlov. Univ. 8 no.2:199-205 '65.

1. Nourologicka klinika (prednosta: prof. MUDr. M. Sercl,
DrSc.); Radiologicka klinika (prednosta: prof. MUDr. J. Bas-
tecky, DrSc.) Lekarske fakulty Karlovy University v Hradci
Kralove.

KREN, V.; CERNOCH, Z.; STEINHART, L.; ENDRYS, J.; SLEZAK, P.; PUDIL, V.;
PRIBORSKY, J.; HODAN, J.

Venography of the liver and kidneys with slowed-down circulation
by means of intrabronchial hypertension in animal experiments.
Cesk. radiol. 19 no.4/5:285-288 Ag '65.

1. Radiologicka a chirurgicka klinika lekarske fakulty Karlovy
University v Hradci Kralove, CSSR.

ENDRYS, J.; STEINHART, L; FRANK,M.; SLEZAK, P.

Possibilities of catheterization and angiocardiography of the
left heart in the diagnosis of congenital heart defects in
children. Cesk. pediat. 19 no.6:490-494   Je'64

1. Kardiochirurgicke stredisko KUNZ [Krajsky ustav narodniho
zdravi] v Hradci Kralove Chirurgicka klinika (prednosta: prof.
dr. J.Prochazka); Radiologicka klinika (prednosta: prof.dr.
J.Bastecky, DrSc.); Detska klinika (prednosta: prof. dr. J.Blecha,
DrSc.,)lekarske fakulty KU [Karlovy university] v Hradce Kralove.

ENDRYS, J.; STEINHART, L.; KOSHAK, I.; PETERLE, M.; PROCHAZKA, J.;
        BELOBRADEK,Z.; REZAC, V.; SLEZAK, P.

Catheterization of the left heart. Evaluation of experiences with
650 examinations. Vnitrni lek. 11 no.4:331-338 Ap'65.

1. Kardiochirurgicke stredisko, fakultni nemocnice a lekarska
fakulta Karlovy University v Hradci Kralove.

STEINHART, L.; ENDRYS, J.; SLEZAK, P.; PROCHAZKA, J.; DITE, B.; PETRLE, M.;
BELOBRADEK, Z.; KOSMAK, I.; FRANK, M.

Transseptal levography in congenital and acquired diseases of
the heart and of the large vessels. Cesk. radiol. 19 no.4/5:
253-259 Ag '65.

1. Radiologicka, chirurgicka, I. interni, II. interni a detska
klinika lekarstve fakulty Karlovy University v Hradci Kralove,
CSSR.

CERNOCH, Z.; KREN, V.; KOPECNY, J.; KVASNICKA, J.; SLEZAK, P.; STEINHART, L.;
NAVRATIL, P.

Roentgen findings in hypertensive patients during lumbar
aortography and renovasography. Cesk. radiol. 19 no.4/5:
311-314 Ag '65.

1. Radiologicka klinika, ustav patologicke anatomie, I. interni
a urologicka klinika lekarske fakulty Karlovy University v Hradci
Kralove, CSSR.

PROCHAZKA, Jaroslav; ENDRYS, Jiri; FRANK, Miroslav; STEINHART, Leo

Double aortic arch. Sborn. ved. prac. lek. fak. Karlov. Univ.
8 no. 4:443-447 ' 65.

1. Chirurgicka klinika (prednosta: prof. MUDr. J. Prochazka,
DrSc.); Detska klinika (prednosta: prof. MUDr. J. Blecha, DrSc.)
a Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky,
DrSc.) Karlovy University v Hradci Kralove.

ENDRYS, Jiri; STEINHART, Leo; PROCHAZKA, Jaroslav; SLEZAK, Premysl;
KOSMAK, van; KVASNICKA, Jiri; REZAC, Vaclav.

The degree of mitral insufficieny. Comparison of dilution
technics. Angiography and operative findings. Sborn. ved. prac.
lek. fak. Karlov. Univ. 8 no.4:461-465 ' 65.

1. Kardiochirurgicke stredisko (prednosta: prof. MUDr.
J. Prochazka) Karlovy University v Hradci Kralove.

STEINHARTOVA, L., MUDr

Gronblad-Strandberg syndrome. Cesk. opht. 10 no.6:390-394 Dec 54.

1. Z ocni kliniky VLA v Hradci Karlove
   (PSEUDOXANTHOMA ELASTICUM
      Gronblad-Strandberg synd.)

HLAVA, M.; PETR, R.; STEJSKALOVA, L.; KOHAK, S.

Surgical treatment of prechiasmatic arachnoiditis complicated by incarceration of the intracanalicular segments of the optic nerves. Cesk. ofth. 13 no.4:252-260 Aug 57.

1. Ocni a neurochirurgicka klinika VLA J. Ev. P., prednosta prof. Dr M. Klima a prof. Dr. R Petr.
    . (ARACHNOID, dis.
            arachnitis, prechiasmatic, with incerceration of
            intracanalicular segments of optic nerves, surg. (Cz))
        (NERVES, OPTIC, dis.
            incarceration of intracanalicular segments in
            prechiasmatic arachnitis, surg. (Cz))

STEINHARTOVA, L.; BLECHOVA, D.

Effect of a 1/o solution of AgNO3 & boric acid on local & microbial con-
ditions of the conjunctival sac in newborns. Cesk. ofth. 14 no.5:365-
370 Oct 58.

1. Ocni klinika VIA J. Ev. P., prednosta prof. MUDr. Milos Klima,
Detska klinika VIA J. Ev. P., prednosta prof. MUDr. Jiri Blecha.
        (CONJUNCTIVA, eff. of drugs on
                silver nitrate & boric acid on conjunctiva & microbial flora
                of conjunctival sac in newborn (Cz))
        (INFANT, NEWBORN, physiol.
                eff. of silver nitrate & boric acid on conjunctiva & micro-
                bial flora of conjunctival sac (Cz))
        (SILVER, NITRATE, eff.
                on conjunctiva & microbial flora of conjunctival sac in
                newborn (Cz))
        (BORIC ACID, eff.
                same)
        (MICROORGANISMS, eff. of drugs on
                silver nitrate & boric acid on microbial flora of conjunc-
                tival sac in newborn (Cz))

SVERAK, Jaromir; STEINHARTOVA, Libuse; PEREGRIN, Jaroslav

The importance of ERG examination in intraocular foreign bodies.
Cesk. ofth. 17 no.4/5:352-357 Jl '61.

1. Ocni klinika (prednosta prof. MUDr. Milos Klima) a Fyziologicky
ustav (prednosta prof. MUDr. Jaroslav Melka) Lekarske fakulty KU v
Hradci Kralove.

(ELECTRORETINOGRAPHY)   (EYE for bodies)

LIPA, Jerzy J.; STEINHAUS, Edward A.

Further report on identifications of Protozoa pathogenic for insects. Acta parasit Pol 10 no.1/11:165-175 '62.

1. Instytut Ochrony Roslin, Poznan, Grunwaldzka 189 (for Lipa).
2. Department of Insect Pathology, University of California, Berkeley
4, California (for Steinhaus).

STEINHAUS, H.

(1) math

Steinhaus, H. The principles of statistical quality control. Zastosowania Mat. 1, 4–27 (1953). (Polish. Russian and English summaries)

Expository and polemical article reviewing various ways of formulating the mathematical problem of an "optimum" inspection plan. The discussion revolves about the familiar fact that the expected loss from the application of any given inspection plan depends essentially upon the frequency distribution of quality in the sequence of lots that will be delivered for inspection.   J. Neyman.

2

7-13-54   LL

STEINHAUS, H.

$\left(\begin{smallmatrix}7\end{smallmatrix}\right)$

Mathematical Reviews
Vol. 15 No. 4
Apr. 1954
Topology

Kuratowski, K., et Steinhaus, H. Une application géo-
métrique du théorème de Brouwer sur les points invari-
ants. Bull. Acad. Polon. Sci. Cl. III. 1, 83–86 (1953).

The n-dimensional case of the following theorem is
proved. Let R be a bounded measurable set in the plane,
and let $r = |R|$ be the measure of R. Let A_0, A_1, A_2 be the
angles determined by three rays emanating from a point.
Finally, let α_0, α_1, α_2 be three non-negative numbers such
that $\alpha_0 + \alpha_1 + \alpha_2 = 1$. Then there is a translation τ such that,
denoting τR by R', $|R' \cap A_i| = r\alpha_i$ for $i = 0, 1, 2$.

E. G. Begle (New Haven, Conn.).

STEINHAUS, Hugo

①

Z
0
0
0

Steinhaus, Hugo.   Table of shuffled four-digit numbers.
Rozprawy Mat. 6, 46 pp. (1954).   (Polish, Russian and
English)
   This is a table of the 10000 four-digit numbers 0000-9999
arranged in a supposedly random way. Since the table
contains each number once and only once it can be used for
sampling problems in which samples, once drawn, are not
replaced. Thus it could be used for a schedule for the retire-
ment of bonds By reading the digits vertically by fours,
instead of horizontally, one obtains an ordinary random
number table in which numbers may be missing or may
occur more than once. No tests have been made of the actual
randomness obtained. The table was produced by hand by
a series of randomizing transformations applied to a table
of 100 rows and columns.   *D. H. Lehmer.*

10-28-54   LL

STEINHAUS, H.

~517.53 : 621.395.74

3568

Łukaszewicz J., Steinhaus H. On Determining the „Centre of Copper"
of a Telephone Network.

„W wyznaczaniu środka miedzi sieci telefonicznej". Zastosowania
Matematyki (PAN). No. 4, Warszawa-Wroclaw, 1954, PWN, pp. 299—307,
4 tabs.

The authors solve the problem of determining the optimum location
of a telephone exchange, i.e. so determining a point Q that the sum of the
distances r_i between the point Q and given points P_i (in which the distri-
bution cabinets are placed), multiplied by positive numbers c_i (proportion-
ate to the cost of a unit of cable length), is at a minimum. The required
minimum of the function $\Phi(Q) = \Sigma c_i r_i$ can be determined by means of
dynamical analogy. The function — $\Phi(Q)$ is the potential of the dyna-
mical system presented. If the points P_i do not lie on a straight line,
then the surface $z = \Phi(Q)$ is convex downwards and there exist pre-
cisely one minimum of the function $\Phi(Q)$. From the convexity of the
potential there results a new method of approximately determining the
minimum of the function, that is by bounding with polygons the do-
main in which the required minimum is to be found, as well as a method
of estimating the minimum value of the function. Iteration constitutes
a third method of determining the minimum of the function $\Phi(Q)$.

PHASE I BOOK EXPLOITATION SOV/4251

Polskie towarzystwo matematyczne

Prace Matematyczne,I, 2 (Mathematical Transactions, Vol. 1, pt. 2).
Warszawa, Panstwowe wydawn naukowe, 1955. 441 p. 1465 copies printed.
Errata slip inserted.

Editorial Committee: Wladyslaw Orlicz (Chief Ed.), Stefan Drobot (Deputy
Chief Ed.), Alem Bielecki, Stanislaw Hartman, Jan Mikusinski, Roman Sikorski,
Marceli Stark, Lucja Szmaszkowicz, Krzystof Tatarkiewicz, and Wlodzimierz
Wrona.

PURPOSE: This book is intended for mathematicians.

COVERAGE: The book consists of a collection of articles on analysis, series,
and function theory. Among the topics discussed are: the solution of
Diophantine equations, set translation, power series, measure by a function,
operational calculus, approximation of a function, and functional spaces.
References and summaries in English and Russian are found at the end of most
of the articles. Russian and English personalities are mentioned.

Barnecki, M. On a Certain Lacunary Power Series   8

Kaczmarek, S. On Certain Theorems Concerning Irreducibility of   272
Polynomials

Steinhaus, H. On a Certain Power Series   276

Sikorski, R. On the Determination of Measure by a Function   28
of an Elementary Place

Bernard, S. Some Properties of the Foci of a Conical,   88
Revealed by Means of the De la Presnaye Perspectograph

Hartman, S. Almost Periodic Functions   32

Mikusinski, J. Operational Calculus in the Light of Present-Day   34
Mathematical Trends

Rychowski, M. On the Errors in Approximating a Function by the   57
First Terms of its Power Series

Orlicz, W. On Perfectly Convergent Series in Certain Functional Spaces   395

Reports from Scientific Sessions of the Polish Mathematical Society   93

AVAILABLE: Library of Congress

Card 3/3

RA/ms/mas
9-16-58

STEINHAUS, H.

The problem of irreversibility. p. 123.   Warszawa
Vol. 1, no. 2, 1955

SERIA B: PRZYROD A NEOZYWIONA

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

STEINHAUS, H.

Łukaszewicz, J.; and Steinhaus, H. On measuring by comparison. Zastos. Mat. 2 (1955), 225–231. (Polish. Russian and English summaries)

Thickness being measured with n gauges $d_1 < \cdots < d_n$, every s found to satisfy $d_j < s < d_{j+1}$ is taken to be O_j where $O_0, \cdots, O_n$ are fixed numbers satisfying $d_j < O_j < d_{j+1}$. Given the d.f. of s, the mean absolute (or squared) error is minimised with respect to $O_0, \cdots, O_n$ in terms of $d_1, \cdots, d_n$, or vice versa, or with respect to both sets simultaneously. The numerical solution of the last problem for a normal d.f. and 15 gauges is given. The minimum number of trials is also discussed. S. K. Zaremba.

FLECK, Ludwik; KUNICKA, Anna; LUKASZEWICZ, Josof; MALINOWSKA, Maria;
    STEINHAUS, Hugo

Problem of carriage of diphtheria. Arch. immun. ter. dosw. 3:
173-190 1955.

1. Instytut Matki i Dziecka w Warszawie (Dyrektor: prof. dr.
F. Groer) Zaklad Mikrobiologii (Kierownik: prof. dr. L. Fleck)
Instytut Matematyczny PAN.
        (THROAT, microbiology.
            Corynebacterium diphtheriae carriage in normal child.
            (Pol))
        (CORYNEBACTERIUM DIPHTHERIAE,
            throat, carriage in normal child. (Pol))

STEINHAUS, H.

PHASE I BOOK EXPLOITATION   POL/4232

Polskie towarzystwo matematyczne

Prace Matematyczne, II, 1 (Mathematical Transactions, Vol. 2, pt. 1). Warszawa, Państwowe wyd-wo naukowe, 1956. 200 p. 790 copies printed.

Editorial Committee: Władysław Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.), Adam Bielecki, Stanisław Hartman, Jan Mikusiński, Roman Sikorski, Marceli Stark, Hanna Szmuszkowicz, Krzysztof Tatarkiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This collection of articles deals with the theory of numbers, algebra, and some other subjects connected with mathematics. Among topics treated are the pursuit method of the theory of games and a biography of a Polish mathematician K. Zurawski, consisting mainly of a discussion of his mathematical work. No personalities are mentioned. References and summaries in Russian and English are given after several of the articles.

Card 1/4

Mathematical Transactions (Cont.)   POL/4232

TABLE OF CONTENTS:

Card 2/4

Mathematical Transactions (Cont.)   POL/4232

Mathematical Transactions (Cont.)   POL/4232

Modules of the Congruence $\sum\limits_{r=1}^{n-1} r^{n-1} \equiv -1 \pmod{n}$ 172

Reports From Scientific Sessions Held at the Polish Mathe-
matical Society   179

AVAILABLE: Library of Congress

Card 4/4   AC/wbc/ec
                                                           9-16-60

34594

S/044/62/000/001/046/061

C111/C222

16.6100

AUTHOR: Steinhaus, H.

TITLE: On the prognosis

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1962, 11,
            abstract 1V49. ("Zastosow. mat.", 1956, 3, no. 1, 1-7)

TEXT: Let F be a distribution function of a variable which is
to be prognosed, and let $g(x,y)$ be the loss in the case one takes y as
the prognosis of the variable when the actual value was x It is then
natural to consider that value as the best prognosis which minimizes
the function

$$H(y) = \int_{-\infty}^{\infty} g(x,y) \, dF(x).$$

It is emphasized that this value depends largely on the form of the
function $g(x,y)$.

[Abstracter's note: Complete translation.]

Card 1/1

_____, M.

The collaboration of various sciences at Illustrate mathematics, and its
role in Breslau scientific circles. No. 1.
(_____. Vol. 1, no. 4, Oct/Dec. 1956, Warszawa, Poland)

So: Monthly List of East European Accessions (____ 1) LC. Vol. 5, no. 12, Dec. 1957.
Uncl.

STEINHAUS, H.

Some basic problems of mathematical statistics. Tr. from the Polish, p. 36.
(Pokroky Matematiky, Fysiky A Astronomie, Vol. 2, no. 1, 1957. Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

Steinhaus, Hugo. On some fundamental questions in mathematical statistics. Pokroky Mat. Fys. Astr. 2 (1957), 36–43. (Czech)

A translation from the German of the article in Bericht Tagung Wahrschein. Math. Statist. Berlin, 1954, pp. 55–63 [Deutscher Verlag der Wissenschaft., Berlin, 1956; MR 19, 73].

PHASE I BOOK EXPLOITATION   POL/4355

Polskie towarzystwo matematyczne

Prace Matematyczne, Seria I, II, 2 (Mathematical Transactions, Series I, vol. II.2)
   Warszawa, Państwowe wyd-wo naukowe, 1958. 195 p. Errata slip inserted.
   1,000 copies printed.

Editorial Board: Władysław Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.),
   Adam Bielecki, Stanisław Hartman, Jan Mikusiński, Roman Sikorski, Marceli
   Stark, Hanna Szmuszkowicz, Krzysztof Tatarkiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians

COVERAGE: The book contains 14 articles dealing with algebra, the theory of games,
   analysis, geometry, and two general mathematical topics. Summaries appear
   in Russian and English. No personalities are mentioned. References accompany
   individual articles.

Card 1/3

POL/4355

Mathematical Transactions (Cont.)

TABLE OF CONTENTS:

Card 2/3

Mathematical Transactions (Cont.)   POL/4355

Meder, J. (Szczecin). Application of the Mazur Theorem on
      Convergence Multipliers to the Sequences Limitable by the
      Euler-Knopp Method   329
Krzywicka, E. (Wrocław). On the Solutions of the Differential
      Equation $x^{(n)} + A(t)x = 0$ Satisfying the Conditions at
      Several Points   337
Gołubiew, W. On Twin Numbers   352
Łuszczki, Z. (Wrocław). Application of the Generalized Bernstein
      Polynomials to the Proof of a Certain Theorem on Mixed
      Partial Derivatives   355
Ciesielski, Z. (Poznań). On Some Inequalities   361
Reports From Scientific Sessions of the Polish Mathematical Society   368

AVAILABLE: Library of Congress

Card 3/3   AC/dwm/lfh
                                                      10/19/60

STEINHAUS, H.; MARCZEWSKI, E.

Systematic distance of biotopes. p. 195.

ZASTOSOWANIA MATEMATYKI. (Polaka Adademia Nauk. Instytut Matematyczny)
Warsawa, Poland. Vol. 4, no. 3, 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

STEINHAUS, H.; TRYBULA, S.

Measurement of successive comparison. p. 204.

ZASTOSOWANIA MATEMATYKI. (Polska Akademia Nauk. Instytut Matematyczny)
Warsawa, Poland. Vol. 4, no. 3, 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

STEINHAUS, H.

Mathematics, yesterday and today. p. 127.

KOSMOS. SERIA B: PRZYJDA NIEOLYWIONA. (Polskie Towarzystwo Przyrodnikow im. Kopernika) Warszawa, Poland. Vol. 5, No. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 3, no. 8, August 1959.
UNCL

SHTEYNGAUZ, Hugo [Steinhaus, Hugo] (Vrotslavl', Pol'sha)

The true nature of mathematics. Mat.v shkole no.1:29-36 Ja-F
'60.   (MIRA 13:5)
            (Mathematics)

GLEICHGEWICHT, B.; KUCHARCZYK, J.; STEINHAUS, H. (Wroclaw)

Remarks on numerical games. Zastos mat 5 no.1:21-33 '60. (EEAI 10:1)
    (Games of chance (Mathematics))
    (Poland—Lotteries)   (Probabilities)

STEINHAUS, Hugo

Stefan Banach (1892-1945). Review Pol Academy 5 no.3/4:82-90
Jl-D '60.

(Banach, Stefan)   (Poland—Mathematicians)

STEINHAUS, H. (Wroclaw)

Stefan Banach; address delivered at Stefan Banach's commemorative ceremony. Rocz wiad matem 4 no.3:251-259 '61.

(Mathematicians, Polish)

AUTHORS: Mycielski, Jan, Steinhaus, H.

TITLE: A mathematical axiom contradicting the axiom of choice

TEXT: Let P be some set of infinite words in the alphabet $\{0, 1\}$. The game between the players I and II is thus defined: the players in turn call letters from the alphabet $\{0, 1\}$ so that at the n-th step the letter ϵ_n is called by player I, if n is even and by player II, if n is odd; it is assumed that each player knows the set P and the letters $\epsilon_0, \epsilon_1, \ldots, \epsilon_{n-1}$ at the time of calling the letter ϵ_n. If the word $(\epsilon_0, \epsilon_1, \ldots) \in P$ then the player I wins, otherwise player II wins. The axiom proposed by the authors instead of the axiom of choice states: for any P one of the players I, II has a winning strategy. The authors promise to publish proof for these propositions: 1) The new axiom, in contradistinction to the axiom of choice, implies that all linear sets possess

Card 1/2   dept. Mathematics, University Wroclaw

A mathematical axiom contradicting the axiom of choice

Ber's property and are Lebesgue-measurable. 2) The new axiom implies the existence of a function which carries out a selection from any denumerable family of sets, whose union has a power less than or equal to $2^{\aleph_0}$. The authors discuss the possibility of replacing the axiom of choice by the new axiom in the proof of various theorems on the theory of sets, topology, theory of functions. etc. It is noted that, if the word ε_0, ε_1, ... is identified with the point $\frac{\varepsilon_0}{3} + \frac{\varepsilon_1}{3^2} + \ldots$ on the axis of real numbers, then a) the new axiom holds for every $P \subset F_\sigma \cup G_\delta$. b) the new axiom cannot be proven for every $P \in B_2$ ($B_2 = PCA \cap CPCA$). Moreover, the authors raise doubts as to the validity of the new axiom in the class of Borel sets and even in the class $F_{\sigma\delta} \cap G_{\delta\sigma}$.

F.A. Kabakov

[Abstracter's note: Complete translation]

Card 2/2

STEINHAUS, H. (Wroclaw)

A bridge with a hexagonal framework. Zastos mat 6 no.3:333-340 '62.

STEINHAUS, H. (Wroclaw)

Probability, credibility, possibility. Zastos mat 6 no.4:341-361
'63.

PRISHCHEP, N. (Crimea).

Neutral equilibrium. Por t vlad mass 7 no.2-215-220 '64.

STEINHAUS, H.

Stefan Banach. Studia math Ser spec no.1:7-15 '63.

S TEINHAUSER, M

CZECHOSLOVAKIA/Electronics - Electron Radiation Tubes   H-6

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18432

Author   : Gadzuk Bohdan, Prchlik Jaroslav, ~~Steinhauser Miroslav~~
Inst   : Higher Institute for Vacuum Electronics, Prague, Czechoslo-
            vakia
Title   : Super-orthicon 61 ZM40.

Orig Pub : Slaboproudy obzor, 1957, 18, No 12, 851-854

Abstract : A brief description of a new Czechoslovak transmitting tele-
            vision tube -- the super-orthicon type 61ZM40. Its electric
            parameters are given, the arrangement, and the principle
            of operation are described and the technological features and
            applications are listed. Bibliography, 13 titles.

Card   : 1/1

STEINER, G.

Withering of leaves in some evergreen plants during the winter of 1956. p. 736.
(BIOLOGIA, Vol. 11, no. 12, 1956, Bratislava, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 12, December 1957. Incl.

STEINHUBEL, GEJZA

Arboretum Mlynany v minulosti a dnes. Bratislava, Vydavatelstvo Slovenskej akademie vied, 1957. 171 p. (The Arboretum of Mlynany in the past and today. English, German and Russian summaries. illus., fold. map (in pocket), bibl., footnotes, tables)

SO: Monthly Index of East European Accesion(EEAI) LC, Vol. 7, no. 5, May 1958

I

Country : CZECHOSLOVAKIA
Category: Plant Physiology General Problems.

Abs Jour: RZhBiol., No 14, 1958, No 62945

Author : Steinhuebel, Gejza
Inst   : -
Title   : The Application of Härtl's Method to the Discovery
          of Plant Damage by Flue Gases.

Orig Pub: Biologia, 1957, 12, No 8, 611-617.

Abstract: The damage caused to the spruce by flue gases
          was determined with the aid of Härtl's method.
          This method is based on the increase of wax for-
          mation during the increase of the concentration of
          harmful gases in the air. The method is applicable
          during the whole year, in spite of the fact that

Card   : 1/2

STEINHÜBEL, G.

GEOGRAPHY & GEOLOGY

Periodicals: KRASY SLOVENSKA. Vol. 35, No. 10, 1958. (Oct.)

STEINHÜBEL, G. A dendrologic park in Topolcianky. p. 369.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959.
Unclass.

STEINHUBEL, Gejza

Raising the seed production of Liriodendron tulipifera by artificial
allogamy. Biologia 14 no.12:888-895 '59.   (EEAI 9:7)

1. Arboretum Slovenskej akademie vied, Mlynany.
        (FERTILIZATION OF PLANTS)   (SEED)
        (LIRIODENDRON TULIPIFERA)

STEINHUBEL, Gejza

Method of determining the resistance of evergreens against fumes.
Les cas 9 no.4:279-291 '62.

1. Ceskoslovenska akademie ved Arboretum, Mlynany, Slovenska akademie
ved. Les cas 9 no.4:279-291 '62.

STEINHUBEL, G.

"Collection of papers on dendrology". Vol.3. Reviewed by
G. Steinhubel. Les cas 9 no.4:322-323 '62.

STEINHUBEL, G.

Problem of resistance of evergreen deciduous trees against
detrimental effects of solid smoke emissions. Acta bot
Hung 9 no. 3/4 433-445 '63.

1. Tschechoslowakische Akademie der Wissenschaften-
    Arboretum Mlynany SAV, Vieska nad Zitavou, Czechoslovakia.

CZECHOSLOVAKIA

Gejza STEINHÜBEL, Arboretum of the Slovak Academy of Sciences
(Arboretum Slovenskej akademie vied), Mlynany.

"Changes in the Starch Stores in leaves of the Common Holly Plant After
Application of Dust."

Bratislava, Biologia, Vol 18, No 1, 1963; pp 23-33.

Abstract [German summary modified]: Primary mode of action by which
inert dust affected starch production in leaves of Ilex aquifolium
was by decrease of light absorption; heat accumulation and interference
with transpiration were secondary. Evergreens are less affected than
deciduous trees; discussion of experiments and results. Drawing shows
starch in leaf tissue with and without dust layer; 8 diagrams, table;
4 Soviet, 1 Czech and 21 Western references.

1/1

CZECHOSLOVAKIA

STEINHÜBEL, Gejza and BERTA, Frantisek; Mlynany Arboretum of the Slovak Academy of Sciences, Czechoslovak Academy of Sciences, Mlynany.

"Annual Changes in Production of Assimilates in Evergreens."

Abstract [German article]: Authors analyzed sugar and starch content of Ilex aquifolium L and Laurocerasus officinalis L. at weekly intervals throughout the year, correlating results with sunshine and temperature fluctuations. The highest total sugar content occurs in winter, with peak in February; higher in Laurocerasus than in Ilex. One graph; 1 Czech, 1 Soviet and 12 German references.

1/1

22

"Direct Insolation."

Abstract: The influence of dust discharged from metallurgical plants upon deciduous and evergreen leaves was investigated in the field and in laboratory experiments. Dark colored dust is heated to higher temperatures in the sun than a clean leaf, and its heat is transmitted to the leaf. The layer of dust increases the temperature of deciduous leaves more than the temperature of evergreen leaves. Under certain conditions the amount of dust may cause such overheating of the leaves that permanent damage may result. Evergreen leaves are more resistant to overheating than deciduous leaves.   10 Figures, 3 Tables, 12 Western, 7 Czech, 2 Russian reference. (Manuscript received 24 Aug 65).

1/1

STEINIC, B.

The 4th National Selective Dog Exhibition.   p.7

OBRANCE VLASTI.   Praha, Czechoslovakia.   Vol. 3, no. 47, Nov.`1955

STEININGER, S.

Steel Wire for Prestressed Concrete. J. Pochanski and S. Steininger. (Hutnik, Tom, 21, (11), 358-362). [In Polish]. A survey of published investigations on properties of wire for prestressed concrete is given. The authors' investigations indicated that this wire should be made from 0·9% carbon steel. Wires 5 mm. in dia. drawn from rolled bars 8·5 and 9 mm. in dia., and wire 2·5 mm. in dia. drawn from 7 mm. rolled bars possessed the best properties. Higher degrees of reduction per draw increase the strength but decrease elongation. The influence of relaxation and ageing was also investigated.—V. O

STEININGER, T.

Pechański J., Steininger T. Steel Wire for Pre-Stressed Concrete. „Druty stalowe do betonów sprężonych". Hutnik. No. 11, 1951, pp. 356—362, 4 figs., 8 tabs.

Review of publications dealing with experiments over the prospects of using steel wire for pre-stressed chord and cable concrete. The authors' experiments have established that steel with a carbon content of roughly 0.9 per cent should be used for this purpose. Optimum properties are possessed by the following wires: for pre-stressed cable concrete — 5 mm diameter wire drawn from 8.5 mm or 9 mm diameter rod; for pre-stressed chord concrete — 2.5 diameter wire drawn from 7 mm diameter rods. Major reductions in area in the individual mill trains increase the tensile strength of the wire, but reduce elongation and contraction. Investigations were also carried out as to stress relaxation and ageing. It was ascertained that final heat treatment is likely to have a beneficial influence on the properties of wire.

STEININGER, ZYSMUNT

N 2

POL.

5584* Patenting of Steel Wires. Patentowanie drutów stalowych. (Polish.) Zygmunt Steininger. Wiadomości Hutnicze, v. 10, no. 12, Dec. 1954, p. 343-347.
Discusses the lead, salt, and air methods and resulting structural changes. Mistakes to avoid. Graphs, diagram, micrographs. 15 ref.

STEININGER, Z.

The electrosparking machining of wire drawing dies made from sintered carbides.
A description of an electrosparking machine for dies is given. Advantages
of electrosparking machining over mechanical grinding are discussed.

87

By Z. Steininger ......

SO: Hutnik, #3, Mar 55, pp. 77-112.

STEININGER, Zygmunt

P O L O N

10656* Electrospark Treatment of Wire-Drawing Dies Made of Sintered Carbides. Obróbka elektroiskrowa ciągadel do drutu ze spiekanych węglików. (Polish.) Zygmunt Steininger. Hutnik, v. 22, no. 3, Mar. 1955, p. 87-89.

Design of electrospark machining equipment. Use and operation of the device and its advantages over mechanical polishing methods. Diagrams, circuit diagram, photograph, table. 17 ref.

STEININGER, Z.

STEININGER, Z. Spontaneous and accelerated aging of steel wire. p. 346.
HUTNIK. Katowice, Poland. Vol. 9, No. 4, Apr. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

STEININGER, Z.

STEININGER, Z. Steel wire for prestressed concrete. p. 356. HUTNIK.
Katowice, Poland. Vol. 9, No. 4, Apr. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

STEININGER, Zygmunt, mgr inz.

Problem of production of the carrying ropes for the Kasprowy Wierch rope railway. Wiad hut 15 no.2:39-44 F '59.

STE' 'I'IGER, E.

Electric-spark machine tools made of sintered powdered metals for wiredrawing machines.
p. 249.

MECHANIK. Warszawa, Poland, Vol 12, nos. 1-2, 7-9, 12; Jan.-Feb., July-Sept.,
                    Dec. 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.
Uncl.

STEININGER, Zygmunt, mgr inz.

Production and certain properties of steel cables. Wiad hut 16 no.2:33-38 F '60.

STEININGER, Zygmunt, mgr.inz.

Steel cables as an example of fruitful scientific and technical cooperation. Przegl techn 81 no.15:17 Ap '60.

STEININGER, Zygmunt, dr inz.

Second Conference on Physical Metallurgy. Hutnik P 29 no.2: 79-81. F '62.

40216
Z/056/62/019/010/001/002
D006/D102

AUTHORS: Steininger, Z., and Dolnicki, T.

TITLE: Influence of liquid medium on the efficiency of spark machin-
              ing

PERIODICAL: Přehled technické a hospodářské literatury. Hutnictví a stro-
              jírenství, v. 19, no. 10, 1962, 613, abstract # HS 62-7779.
              Mechanik, Warsaw, 35, no 4, April 1962, 183-186

TEXT: The article presents a study on the selection of liquid media
for electrospark machining. Tests made with various liquid media (alcohol-
water mixture, organic compounds) are described, and an analysis of the in-
fluence of metal-removal rate and electrode size on machining efficiency is
presented. The original article contains 5 figures. /Abstracter's note:
Complete translation./

Card 1/1

KAJFASZ, Stanislaw, doc, dr; STEININGER, Zygmunt, dr

Patented rolled bars as reinforcement of prestressed concrete.
Inz i bud 20 no.1:36-40 Ja '63.

STEININGER, Zygmunt, dr inz.; PLINTA, Jan, mgr inz.

Studies on 7 L 2.5 cm structural splices for prestressed
concrete. Hutnik P 30 no. 5: 154-158 My '63.

STEININGER, Zygmunt.

"Wire drawing specialist" by L.A.Krasilnikow [Krasil'nikov, L.A.] Reviewed by Zygmunt Steininger. Hutnik P 30 no.7/8:270 Jl/Ag'63

"Covered hoisting cables" by B.D.Hochriakow. Reviewed by Zygmunt Steininger.